

Name: _____

at1110paper_practice_test (v109)

1. Solve the equation with factoring by grouping.

$$18x^2 + 24x - 15x - 20 = 0$$

2. Solve the equation.

$$(4x + 9)(6x - 7) = 0$$

3. Factor the expression.

$$x^2 + 12x + 35$$

4. Expand the following expression into standard form.

$$(7x - 9)(7x + 9)$$

5. Solve the equation.

$$10x^2 - 21x - 7 = 5x^2 - 2x - 3$$

6. Factor the expression.

$$9x^2 - 64$$

7. Expand the following expression into standard form.

$$(6x + 7)(3x - 2)$$

8. Expand the following expression into standard form.

$$(8x - 7)^2$$